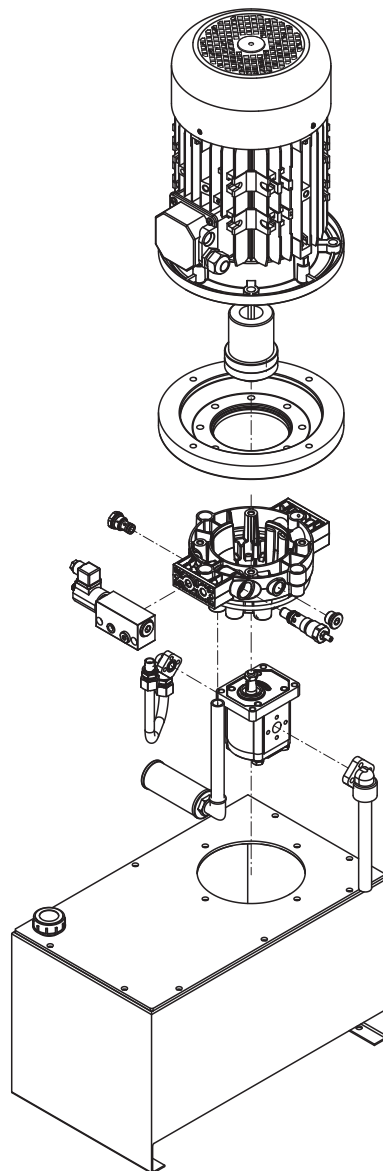


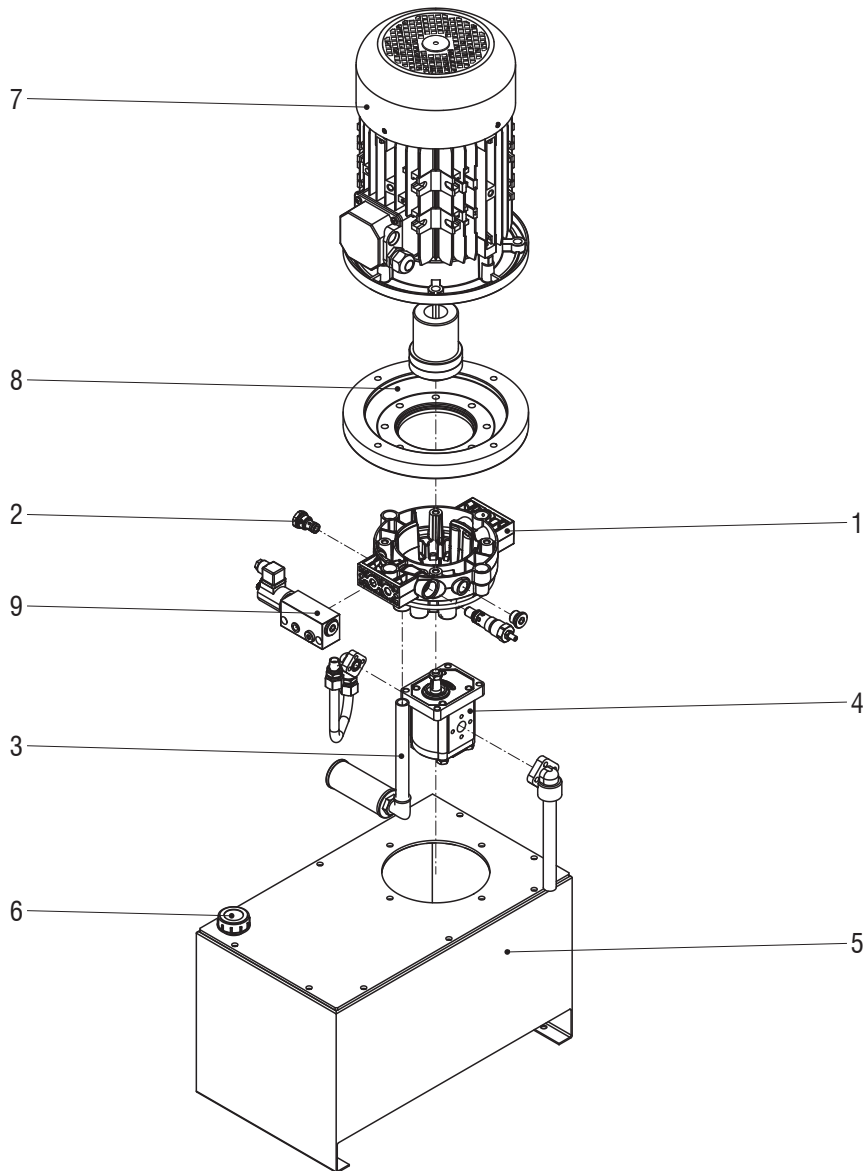
Compactunits

serie FC20



FINPARTS®

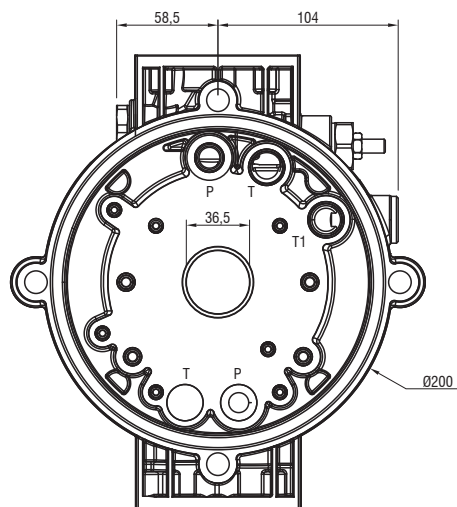
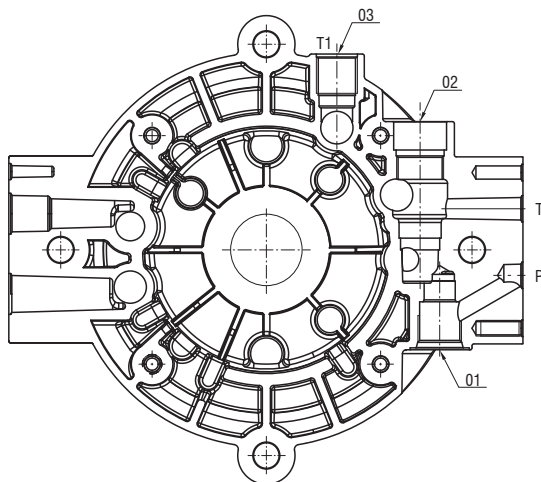
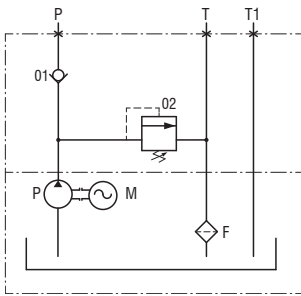
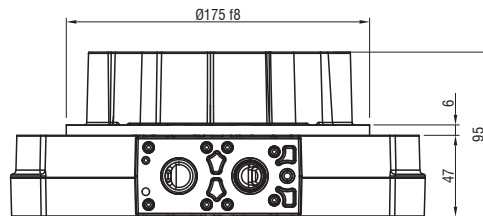
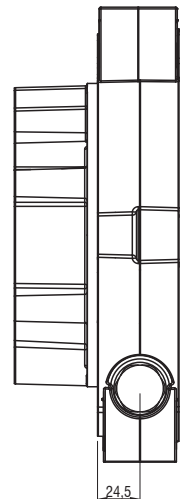
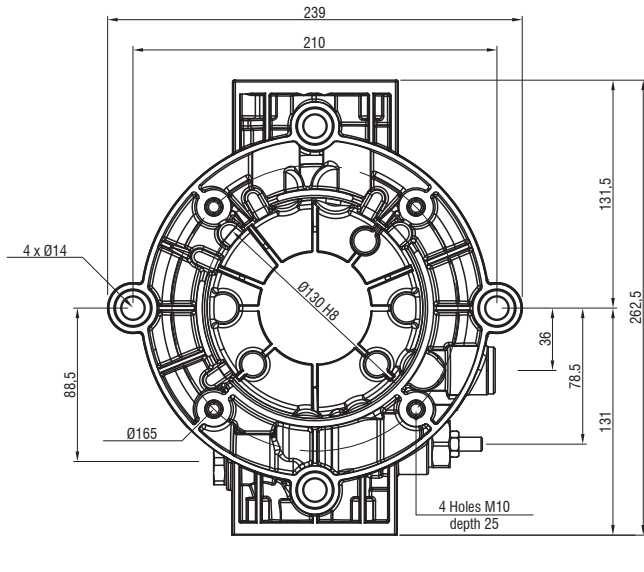
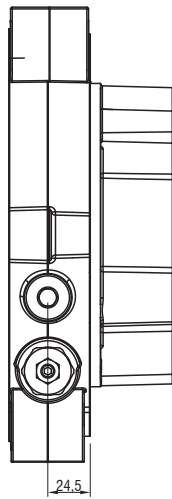
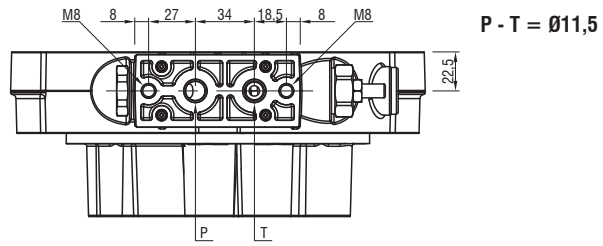
Position Posizione									
FC20	___/ _	---	---	---	---	---	---	---	---
Description	Central manifold	Screw-in valves	Pipes kit	Pumps	Oil Tanks	Accessories	Electric motors	Junction elements	Modular elements, ports, solenoids
Descrizione	Collettore centrale	Valvole integrate	Kit tubi	Pompe	Serbatoi	Accessori	Motori elettrici	Elementi di connessione	Elementi modulari, attacchi, solenoidi



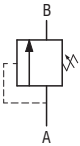
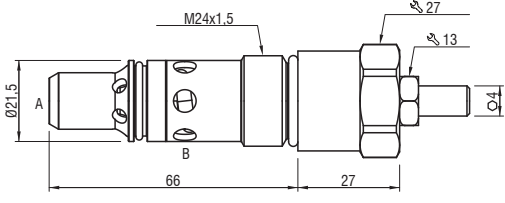

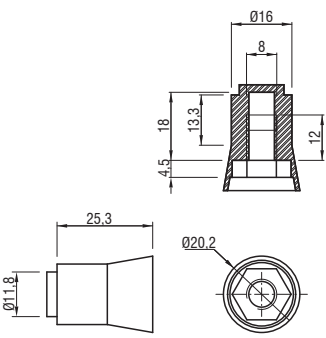

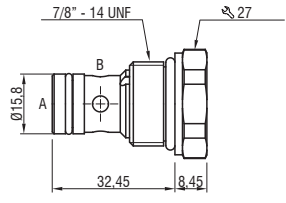

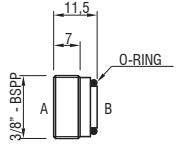
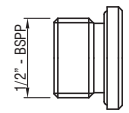
CODE EXAMPLE:
ESEMPIO DI CODICE:

Position Posizione	1	2	3	4	5	6	7	8	9
FC20	X..A	C__	---	P204	TZ23V	---	D258	KZ132	M37
Page Pagina	2	3	4 / 6 / 7	9	10	12	13	14	15

CODE	X1A	
Relief valve Valvola di massima	Pressure range (bar) Campo di taratura	
VMX1	A	5 - 40
	B	20 - 80
	C	50 - 220
	D	180 - 350

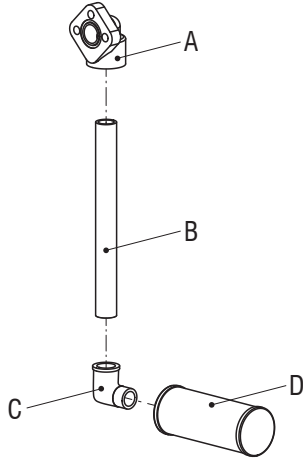


P = G 3/8"
T - T1 = G 1/2"

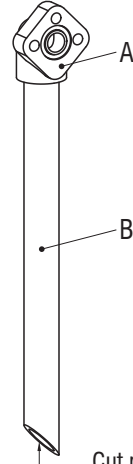
CODE	Description Descrizione	Symbol Schema	Drawing Disegno	Cavity Cavità	
VMX1	Direct acting relief valve with guided poppet Valvola di massima diretta con spillo guidato			02	
	Maximum flow rate Portata massima				70 l/min
	VMX1 - A				5 - 40 bar
	VMX1 - B				20 - 80 bar
	VMX1 - C				50 - 220 bar
VMX1 - D	180 - 350 bar				
SCD	- Without sealing cap for VMZ1 relief valve Senza cappuccio antimanomissione VMZ1				
	1 With sealing cap for VMZ1 relief valve Con cappuccio antimanomissione VMZ1				
TK7	Cartridge check valve Valvola unidirezionale a cartuccia Qmax= 80 l/min Pmax= 350 bar Pcracking= 1 bar			01	
TK9	Cartridge check valve Valvola di ritegno Qmax= 50 l/min Pmax= 350 bar Pcracking= 0,5 bar			04	
FC11	1/2" plug with O-ring Tappo da 1/2" con O-ring			03	

Suction - Aspirazione

Example of suction configuration: With filter
Esempio di configurazione di aspirazione: Con filtro



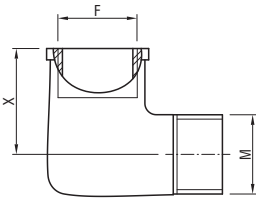
Example of suction configuration: Without filter
Esempio di configurazione di aspirazione: Senza filtro

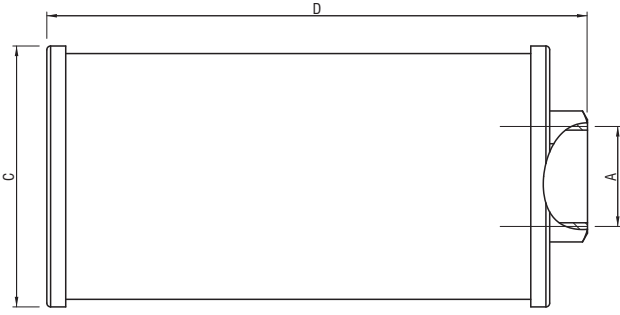


Cut pipe at 45° if fitted without filter
Tagliare il tubo a 45° se usato senza filtro

A		High pressure fitting, pump side Raccordo alta pressione lato pompa	
CODE	Description Descrizione	Drawing Disegno	
HS3D	Fitting 90° - x=30 - y=1/2" - z=27 Raccordo 90° - x=30 - y=1/2" - z=27		
HS4D	Fitting 90° - x=40 - y=1/2" - z=30 Raccordo 90° - x=40 - y=1/2" - z=30		
HS4E	Fitting 90° - x=40 - y=3/4" - z=36 Raccordo 90° - x=40 - y=3/4" - z=36		

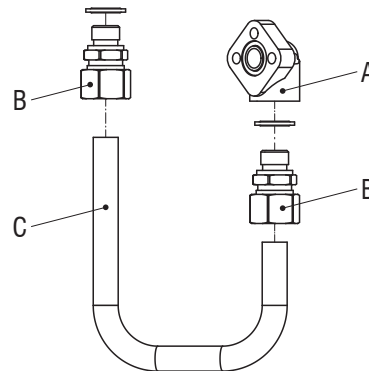
B				Steel pipe Tubo in metallo diritto	
CODE	X [mm]	Drawing Disegno	CODE	X [mm]	Drawing Disegno
12200	200		34200	200	
12300	300		34300	300	
12400	400		34400	400	
12500	500		34500	500	

C				Low pressure fitting, filter side Raccordo bassa pressione, lato filtro
CODE	F	M	X	Drawing Disegno
HADD	1/2"	1/2"	28	
HAEE	3/4"	3/4"	31	
HAEF	3/4"	1"	34	

D						Suction filter Filtro aspirazione
CODE	Flow Portata [l/min]	A [mm]	C [mm]	D [mm]	Filtering power Grado filtrazione [μm]	Drawing Disegno
SF50	17	1/2"	69	93	90	
SF51	25	3/4"	69	93	90	
SF52	35	3/4"	69	143	90	
SF53	45	1"	69	143	90	

Pressure line - Mandata

Example of pressure line configuration
Esempio di configurazione di mandata

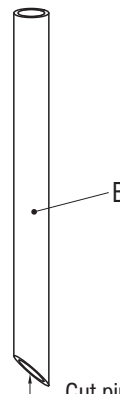
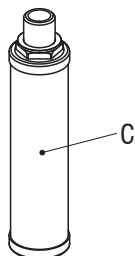
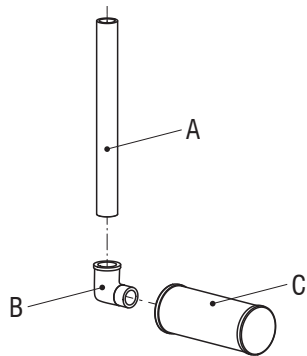


		High pressure fitting, pump side Raccordo alta pressione lato pompa
A		
CODE	Description Descrizione	Drawing Disegno
HS3C	Fitting 90° - x=30 - y=3/8" - z=25,75 Raccordo 90° - x=30 - y=3/8" - z=25,75	
HS4C	Fitting 90° - X=40 - y=3/8" - z=36 Raccordo 90° - x=40 - y=3/8" - z=36	
		High pressure fitting Raccordo alta pressione
B		
CODE	Description Descrizione	Drawing Disegno
HSC1	Fitting 3/8" - Ø15 Raccordo 3/8" - Ø15	
		Pressure pipe Tubo mandata
C		
CODE	Description Descrizione	Drawing Disegno
LD01	Pipe Ø15 - U 140-104-77 Tubo Ø15 - U 140-104-77	

Return line - Scarico

Example of return line configuration: With filter
Esempio di configurazione di scarico: Con filtro

Example of return line configuration: Without filter
Esempio di configurazione di scarico: Senza filtro



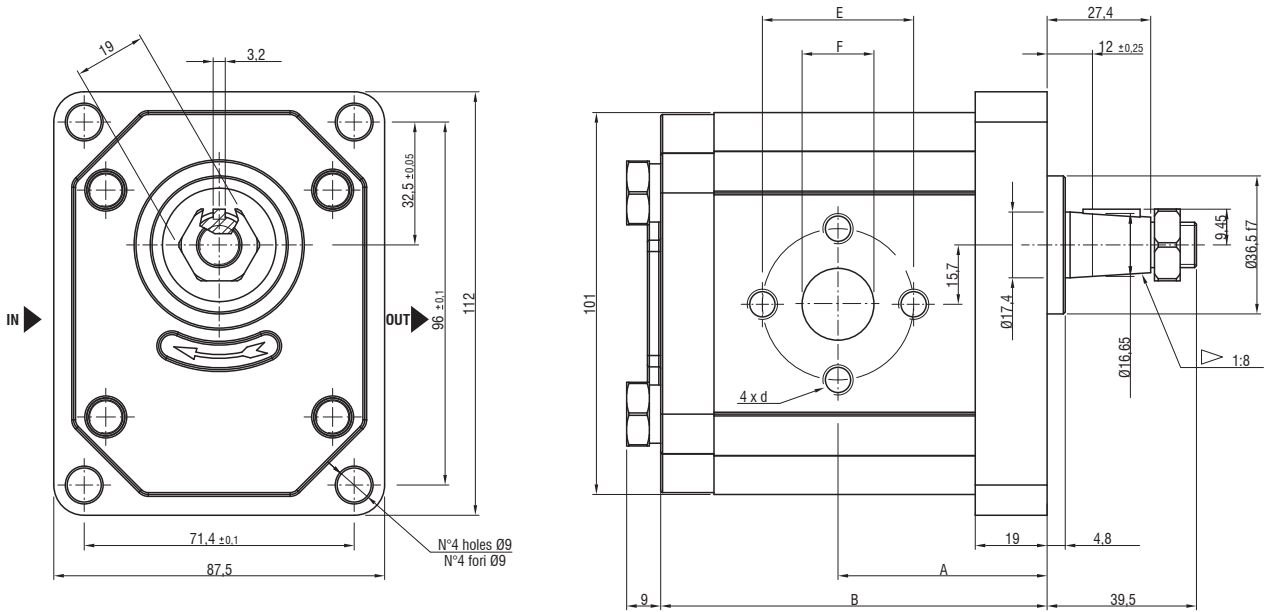
Cut pipe at 45° if fitted without filter
Tagliare il tubo a 45° se usato senza filtro

A				Steel pipe Tubo in metallo diritto			
CODE	X [mm]	Drawing Disegno		CODE	X [mm]	Drawing Disegno	
12200	200			34200	200		
12300	300			34300	300		
12400	400			34400	400		
12500	500			34500	500		

B				Low pressure fitting, filter side Raccordo bassa pressione, lato filtro	
CODE	F	M	X	Drawing Disegno	
HADD	1/2"	1/2"	28		
HAEE	3/4"	3/4"	31		
HAEF	3/4"	1"	34		

			Return line filter Filtro in scarico
CODE	Flow Portata [l/min]	Filtering power Grado filtrazione [μm]	Drawing Disegno
RF70	30	90	<p>Technical drawing of a return line filter (RF70). The drawing shows a cylindrical filter with a threaded end fitting. Dimensions are: total length 123.8, main body length 119.1, and end fitting length 15.2. The outer diameter is 32. The end fitting is labeled 3/8"-BSPF.</p>
RF71	35	90	<p>Technical drawing of a return line filter (RF71). The drawing shows a cylindrical filter with a threaded end fitting. Dimensions are: total length 130, main body length 121.9, and end fitting length 34.4. The outer diameter is 50. The end fitting is labeled 1/2"-BSPF.</p>

Pump group 2 (clockwise rotation)
Pompa gruppo 2 (rotazione oraria)



CODE	Displacement Cilindrata [cm³/rev]	Flow [l/min] Portata [l/min]		Pressure Pressione max [bar]	Max speed Velocità max [rpm]	A [mm]	B [mm]	Inlet Ingresso			Outlet Uscita		
		1500 [rpm]	max					E	F	d	E	F	d
P201	4,5	6,14	14,33	250	3500	42,5	80	30	15,1	M6	30	13,1	M6
P202	6,3	8,69	20,29										
P204	8,2	11,32	26,40										
P205	10	13,95	32,55										
P206	11,3	15,76	36,78										
P207	12	16,92	39,48										
P208	14	19,95	46,55										
P209	15	21,60	36,00										
P210	16	23,04	38,40										
P212	19	27,36	45,60										
P214	22	31,68	52,80										
P217	25	36,00	60,00										
P219	28	40,32	67,20										
P221	32	46,08	61,44										
P223	36	51,84	69,12										
				100	2000	70	134,8	40	19	M8	40	19	M8

		Steel flange for horizontal tank Flangia per serbatoio orizzontale
CODE	Drawing Disegno	
LFO	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">To be welded on tank Da saldare sul serbatoio</div>	

									Steel tank vertical version Serbatoio in lamiera versione verticale
CODE	Tank capacity Volume [l]	A	B	C	D	E	W	L	Drawing Disegno
TZ20V	20	240	53	213	175	76	270	340	
TZ21V									
TZ22V	30	414	58	328	175	76	270	340	
TZ23V									
TZ24V	45	353	58	267,5	175	76	320	540	
TZ25V									
TZ26V	60	444	58	358,5	175	76	320	540	
TZ27V									
TZ28V	90	644	60	556,5	175	252	320	540	
TZ29V									

										Steel tank horizontal version Serbatoio in lamiera versione orizzontale
CODE	Tank capacity Volume [l]	A	B	C	D	E	F	W	L	Drawing Disegno
TZ22H	30	414	58	328	175	176	190	270	340	
TZ24H	45	353	58	267,5	175	76	190	320	540	
TZ26H	60	444	58	358,5	175	76	260	320	540	
TZ28H	90	644	60	556,5	175	252	260	320	540	

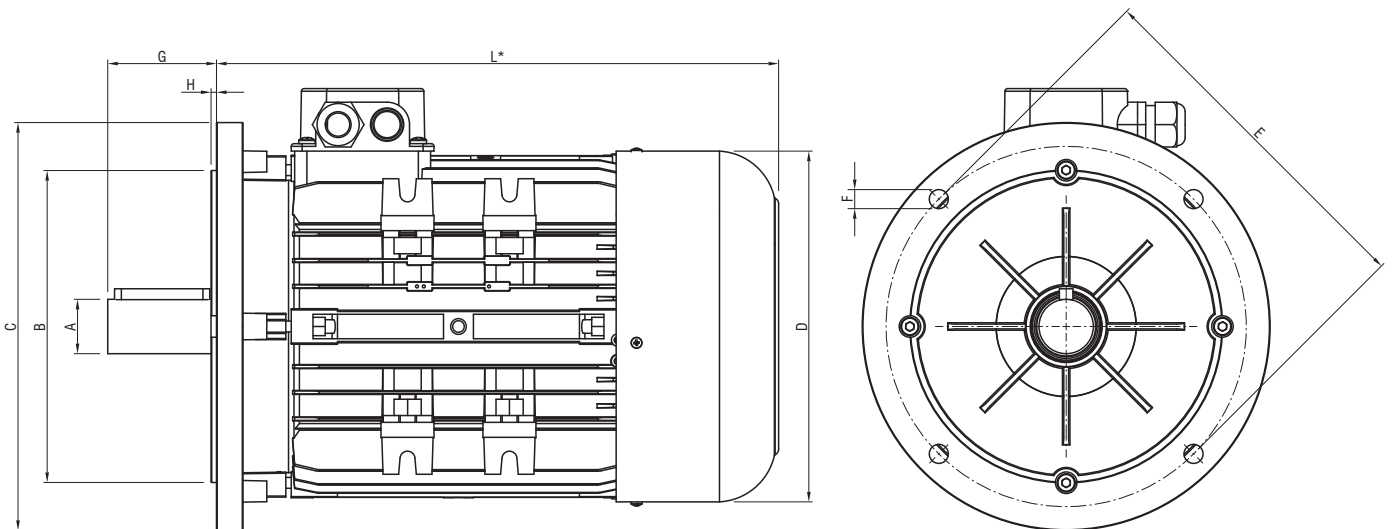
										Steel tank vertical version Serbatoio in lamiera versione verticale
CODE	Tank capacity Volume [l]	A	B	C	D	E	W	L		Drawing Disegno
TZ34	180	734	50	655	176	252	500	600		

		Gauge + Gauge cock Manometro + Esclusore
CODE	Description Descrizione	Drawing Disegno
Q06	0 - 60 Bar pressure gauge Ø63mm. - 1/4" Manometro 0 - 60 Bar - Ø63mm. - 1/4"	
Q15	0 - 150 Bar pressure gauge Ø63mm. - 1/4" Manometro 0 - 150 Bar - Ø63mm. - 1/4"	
Q25	0 - 250 Bar pressure gauge Ø63mm. - 1/4" Manometro 0 - 250 Bar - Ø63mm. - 1/4"	
Q40	0 - 400 Bar pressure gauge Ø63mm. - 1/4" Manometro 0 - 400 Bar - Ø63mm. - 1/4"	
P91	1/4" - 90° pressure gauge cock Esclusore manometro da 1/4" - 90°	
P92	1/4" - pressure gauge cock Esclusore manometro da 1/4"	

		O-Ring O-Ring
CODE	Description Descrizione	Drawing Disegno
OR31	O-Ring between pump and manifold O-Ring tra pompa e collettore	
OR17	O-Ring between tank and manifold O-Ring tra serbatoio e collettore	

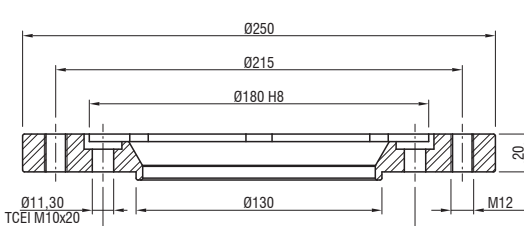
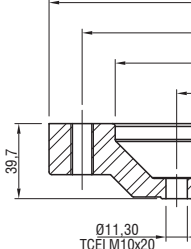

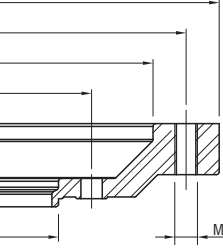

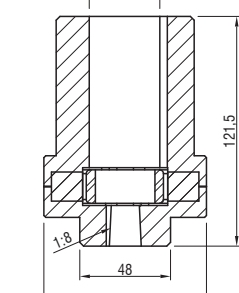
AC three-phase motor 230-400V - 50Hz - Frame B5 - IP54
Motore CA trifase 230-400V - 50Hz - Tipologia costruttiva B5 - IP54

CODE	Power Potenza [kW]	Nom. Current Corrente nominale [A]	C _{start} /C _{nom.}	IEC	A	B	C	D	E	F	G	H	L	C _{start} /C _{nom.}	Nom. Current Corrente nominale [A]	Power Potenza [kW]	CODE
D254	2,2	4,7	6,8	90	24	130	200	178	165	11,5	50	3,5	279	7,8	4,0	1,8	D453
\	\	\	\	100	28	180	250	194	215	14	60	4	309	5,8	4,9	2,2	D454
D255	3,0	5,9	6,1	100	28	180	250	194	215	14	60	4	309	7,3	6,8	3,0	D455
D256	4,0	8,5	6,8	112	28	180	250	219	215	14	60	4	331	6,1	8,5	4,0	D456
D257	5,5	11,0	8,2	132	38	230	300	258	265	14	80	4	372	7,9	11,8	5,5	D457
D258	7,5	14,1	8,5	132	38	230	300	258	265	14	80	4	372	\	\	\	\
\	\	\	\	132	38	230	300	258	265	14	80	4	410	7,4	14,4	7,5	D458
D259	9,2	17,2	7,6	132	38	230	300	258	265	14	80	4	410	8,4	19,5	9,2	D459



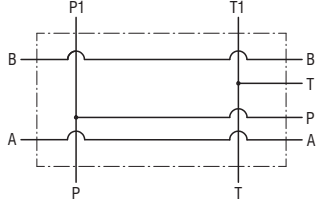
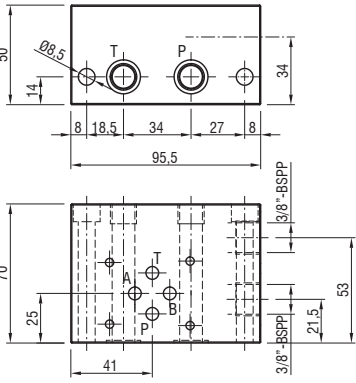
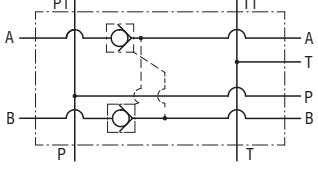
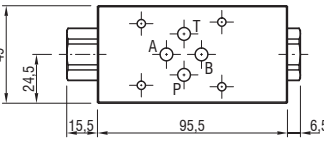
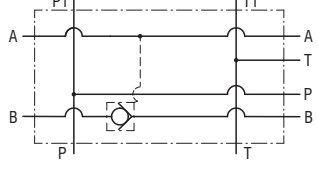
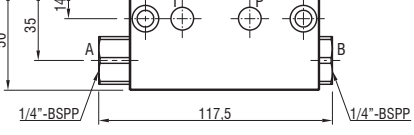
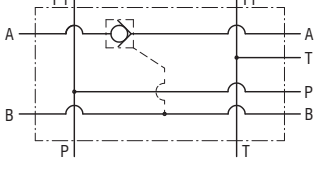
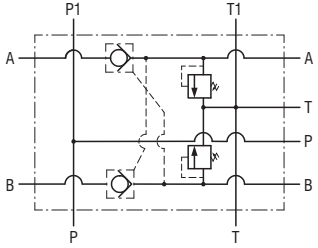
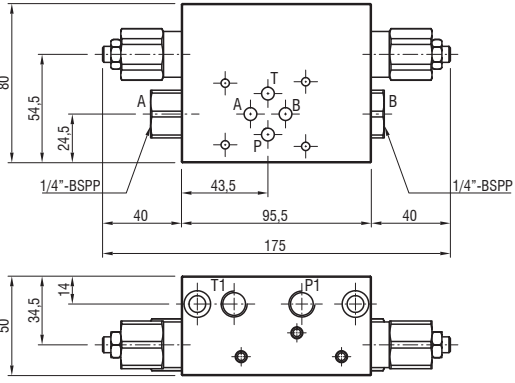
*This quote depends on manufacturer design

*Lunghezza indicativa, poichè dipende dal costruttore

CODE	Size IEC	Flange drawing Disegno flangia	Coupling drawing Disegno giunto
KZ90	IEC90	<p>Motor fitted directly on manifold Motore flangiato direttamente su collettore centrale</p> 	
KZ100	IEC110 IEC112		
KZ132	IEC132		

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
M09	Spacer element H=18 Distanziale H=18		
M01	Spacer element H=39 Distanziale H=39		
M02	Spacer element H=69 Distanziale H=69		
M15	Adaptor for motor side rotation of the modular block H=90 Adattatore per rotazione lato motore dei blocchi modulari H=90		
M51	Adaptor for motor side rotation of the modular block H=60 Adattatore per rotazione lato motore dei blocchi modulari H=60		
M128	Modular block with 4 extra P ports Blocco modulare con 4 attacchi P supplementari	<p>M = 1/4" - Pr = 1/8"</p>	
M30_	Modular block with 50% ÷ 50% flow divider valve Blocco modulare con valvola divisore di flusso 50% ÷ 50%		
	Pmax= 350 bar		
CODE	P flow rate Portata in P		
06	1-6 l/min		
10	5-10 l/min		
20	10-20 l/min		
40	20-40 l/min		

CODE	Description Descrizione	Symbol Schema	Drawing Disegno										
M41	<p>Modular block with pressure compensated priority valve</p> <p>Blocco modulare con valvola prioritaria compensata baricamente</p> <p>$P_{max} = 350$ bar $Q_{pmax} = 50$ l/min $Q_{p1max} = 30$ l/min</p>												
B73_	<p>Modular block with pressure reducing valve</p> <p>Blocco modulare con valvola riduttrice di pressione</p> <p>$Q_{max} = 30$ l/min $P_{max} = 350$ bar</p>												
	<table border="1"> <tr> <th>CODE</th> <th>P2max</th> </tr> <tr> <td>035</td> <td>5-35 bar</td> </tr> <tr> <td>060</td> <td>10-60 bar</td> </tr> <tr> <td>100</td> <td>15-100 bar</td> </tr> <tr> <td>180</td> <td>35-180 bar</td> </tr> </table>			CODE	P2max	035	5-35 bar	060	10-60 bar	100	15-100 bar	180	35-180 bar
	CODE			P2max									
	035			5-35 bar									
	060			10-60 bar									
100	15-100 bar												
180	35-180 bar												
M03	<p>Modular block for parallel or serial assembling of a CETOP3 - NG6 electrovalve</p>												
M11	<p>Blocco modulare per montaggio in parallelo o in serie di una elettrovalvola CETOP3 - NG6</p>												
M37	<p>Modular block for parallel assembling of a CETOP5 - 2145 electrovalve</p> <p>Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP5 - 2145</p>												

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
M142	<p>Modular block for parallel assembling of a CETOP3 - NG6 electrovalve</p> <p>Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6</p>		
M118	<p>Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with piloted operated check valves on A and B</p>		
M122	<p>Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6 con valvole di ritegno pilotate su A e B</p> <p>Pilot ratio 1:4 Rapporto di pilotaggio 1:4</p>		
M123	<p>Qmax= 15 l/min</p>		
M121	<p>Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with piloted operated check valves and relief valves on A and B</p> <p>Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6 con valvole di ritegno pilotate e valvole di massima su A e B</p> <p>Pilot ratio 1:4 Rapporto di pilotaggio 1:4</p>		

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
M05			
M06	Sandwich block for CETOP3 - NG6 electrovalve with relief valve Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola limitatrice di pressione Qmax= 25 l/min		
M07			
M08	Sandwich block for CETOP3 - NG6 electrovalve with relief valve Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola limitatrice di pressione Qmax= 25 l/min		
M78			
M79	Sandwich block for CETOP3 - NG6 electrovalve with flow regulator valve Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola regolatrice di portata Qmax= 40 l/min Pmax= 350 bar		
M80			

CODE	Description Descrizione	Symbol Schema	Drawing Disegno										
M44_	Sandwich block for CETOP3 - NG6 electrovalve with counterbalance valve on A												
	Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola di bilanciamento su A												
	<p>Qmax= 25 l/min Pilot ratio 1:4 STD (1:8 on request) Rapp. pilot. 1:4 STD (1:8 a richiesta)</p>												
	<table border="1"> <thead> <tr> <th>CODE</th> <th>Pressure range [bar] Campo di taratura [bar]</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>60-220</td> </tr> <tr> <td>35</td> <td>100-350</td> </tr> </tbody> </table>			CODE	Pressure range [bar] Campo di taratura [bar]	20	60-220	35	100-350				
CODE	Pressure range [bar] Campo di taratura [bar]												
20	60-220												
35	100-350												
M20	Modular hand pump 6,5cc												
	Pompa a mano modulare 6,5cc												
	Pmax= 350 bar												
M17_	Modular block for double pump												
	Blocco modulare per pompa doppia												
	<table border="1"> <thead> <tr> <th>CODE</th> <th>Pressure range [bar] Campo di taratura [bar]</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>5-40</td> </tr> <tr> <td>B</td> <td>20-80</td> </tr> <tr> <td>C</td> <td>50-220</td> </tr> <tr> <td>D</td> <td>180-350</td> </tr> </tbody> </table>			CODE	Pressure range [bar] Campo di taratura [bar]	A	5-40	B	20-80	C	50-220	D	180-350
	CODE			Pressure range [bar] Campo di taratura [bar]									
	A			5-40									
B	20-80												
C	50-220												
D	180-350												

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
M96	<p>Modular block with threaded connection 3/8" BSPP and extra port 1/4" BSPP M</p> <p>Blocco modulare con attacchi filettati 3/8" BSPP e attacco M1/4" BSPP</p>		
M163	<p>Modular block with threaded connection 1/2" BSPP and extra port 1/4" BSPP M</p> <p>Blocco modulare con attacchi filettati 1/2" BSPP e attacco M1/4" BSPP</p>		
M25	<p>Modular block for soft start movement</p> <p>Blocco modulare per partenza in rampa</p> <p>Qmax= 20 l/min Pmax= 250 bar</p>		
M27_	<p>Modular block for single overcentre valve and for CETOP3 - NG6 electrovalve</p> <p>Blocco modulare per valvola di bilanciamento e per elettrovalvola CETOP3 - NG6</p> <p>Qmax= 25 l/min</p> <p>Pilot ratio 1:4 STD (1:8 on request) Rapp. pilot. 1:4 STD (1:8 a richiesta)</p>		
CODE	Pressure range [bar] Campo di taratura [bar]		
20	60-220		
35	100-350		

NOTE: the coils are not included in the modular elements
NOTA: le bobine non sono comprese negli elementi modulari

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
K24	Modular block with four check valve and part 3/8" BSPP Blocco modulare con quattro valvole di ritegno e attacco da 3/8" BSPP Qmax= 30 l/min		
K52	Modular block with electric valve and part 3/8" BSPP Blocco modulare con valvola elettrica e attacco da 3/8" BSPP Qmax= 60 l/min		
K53	Modular block with electric valve and part 3/8" BSPP Blocco modulare con valvola elettrica e attacco da 3/8" BSPP Qmax= 60 l/min		

Ports Attacchi		Solenoids voltage Tensione dei solenoidi		
CODE	Description Descrizione	CODE	Description Descrizione	Characteristics Caratteristiche
1	1/4" BSPP	SO	No solenoid / No solenoide	Nominal power 18W Potenza nominale Duty cycle 100% Ciclo di lavoro Insulation class F (T=155°C) Classe di isolamento Protection index IP65 Indice di protezione
2	3/8" BSPP	SA	12 Vdc	
		SB	24 Vdc	
		SC	48 Vdc	
		SL	24 Vac - 50 Hz	
		SM	110 Vac - 50 Hz	
		SN	220 Vac - 50 Hz	
		SP	24 Vac - 50/60 Hz	
		SR	24 Vac - 60 Hz	
		ST	110 Vac - 60 Hz	
		SU	220 Vac - 60 Hz	
		SV	24 Vrac	
		SW	110 Vrac	
		SZ	220 Vrac	

NOTE: the coils are not included in the modular elements
NOTA: le bobine non sono comprese negli elementi modulari

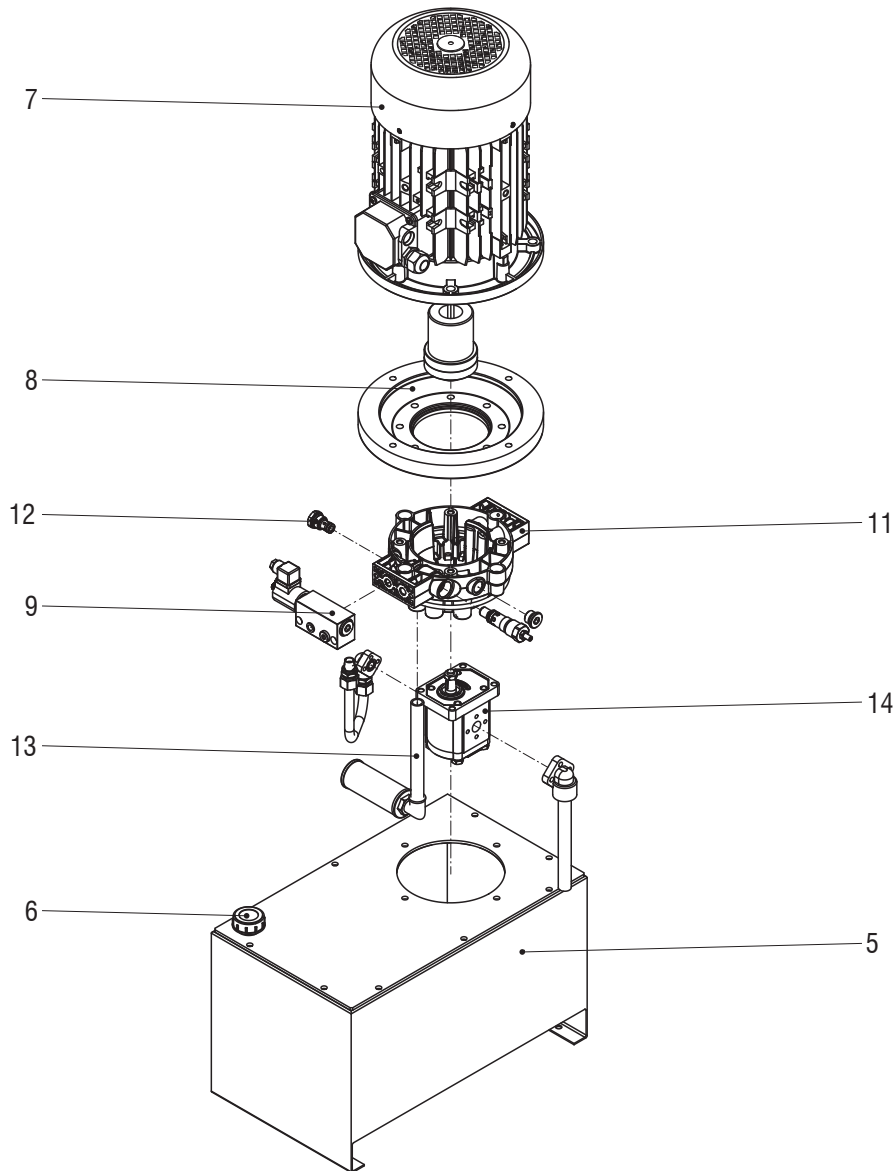
CODE	Description Descrizione	Symbol Schema	Drawing Disegno
K14	Modular block with single locking electric cartridge valve Blocco modulare con valvola elettrica a singola tenuta		
K136	Modular block to reduce the working pressure on the main circuit Blocco modulare per ridurre la pressione di lavoro sul circuito principale		
K04	Modular block with electric valve and part 3/8" BSPP Blocco modulare con valvola elettrica e attacco da 3/8" BSPP Qmax= 30 l/min		

NOTE: the coils are not included in the modular elements
NOTA: le bobine non sono comprese negli elementi modulari

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
K24	Modular block with four check valve and part 3/8" BSPP Blocco modulare con quattro valvole di ritegno e attacco da 3/8" BSPP Qmax= 30 l/min		
K52	Modular block with electric valve and part 3/8" BSPP Blocco modulare con valvola elettrica e attacco da 3/8" BSPP Qmax= 60 l/min		
K53	Modular block with electric valve and part 3/8" BSPP Blocco modulare con valvola elettrica e attacco da 3/8" BSPP Qmax= 60 l/min		

Ports Attacchi		Solenoids voltage Tensione dei solenoidi		
CODE	Description Descrizione	CODE	Description Descrizione	Characteristics Caratteristiche
1	1/4" BSPP	S0	No solenoid / No solenoide	Nominal power 18W Potenza nominale Duty cycle 100% Ciclo di lavoro Insulation class F (T=155°C) Classe di isolamento Protection index IP65 Indice di protezione
2	3/8" BSPP	SA	12 Vdc	
		SB	24 Vdc	
		SC	48 Vdc	
		SL	24 Vac - 50 Hz	
		SM	110 Vac - 50 Hz	
		SN	220 Vac - 50 Hz	
		SP	24 Vac - 50/60 Hz	
		SR	24 Vac - 60 Hz	
		ST	110 Vac - 60 Hz	
		SU	220 Vac - 60 Hz	
		SV	24 Vrac	
		SW	110 Vrac	
		SZ	220 Vrac	

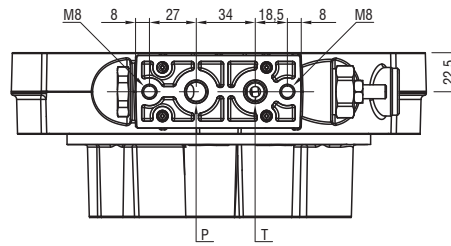
Position Posizione									
FC20	___/ _	---	---	---	---	---	---	---	---
Description	Central manifold	Screw-in valves	Pipes kit	Pumps	Oil Tanks	Accessories	Electric motors	Junction elements	Modular elements, ports, solenoids
Descrizione	Collettore centrale	Valvole integrate	Kit tubi	Pompe	Serbatoi	Accessori	Motori elettrici	Elementi di connessione	Elementi modulari, attacchi, solenoidi



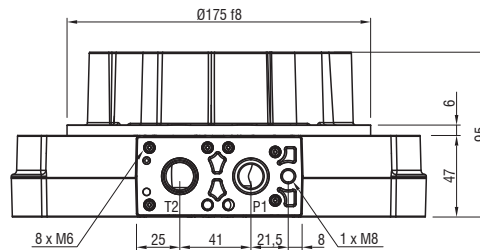
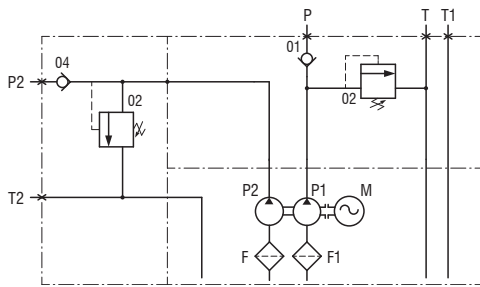
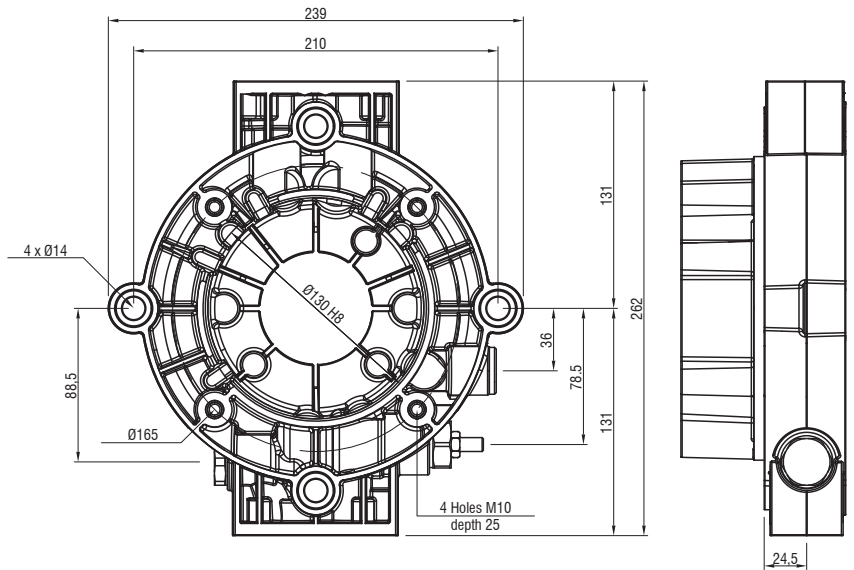
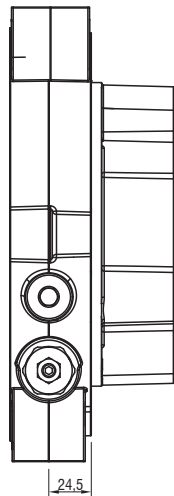
CODE EXAMPLE:
ESEMPIO DI CODICE:

Position Posizione									
FC20	X..A	C__	---	P204	TZ23V	---	D258	KZ132	M37
Page Pagina									

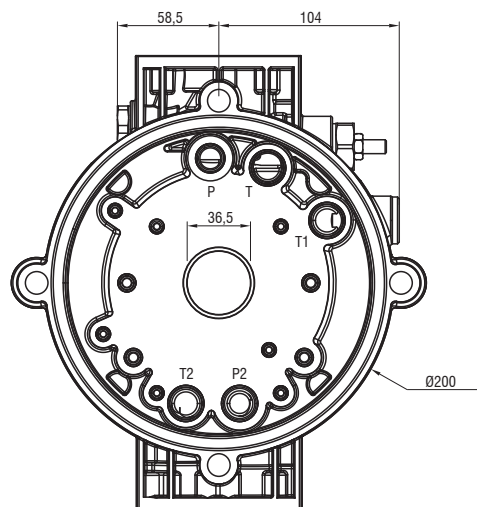
CODE	X2A	
Relief valve Valvola di massima	Pressure range (bar) Campo di taratura	
VMX1	A	5 - 40
	B	20 - 80
	C	50 - 220
	D	180 - 350



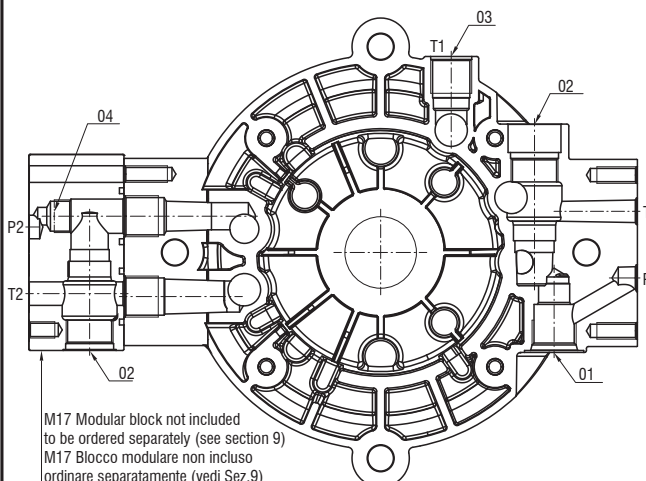
P - T = Ø11,5



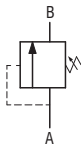
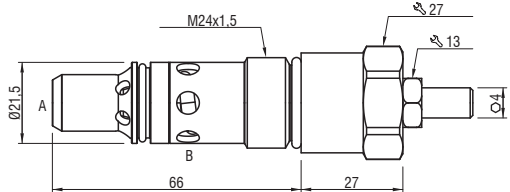
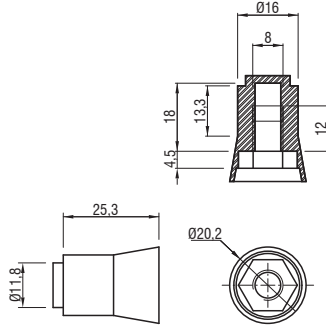

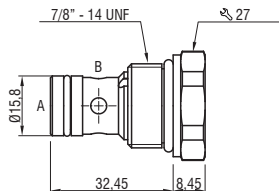

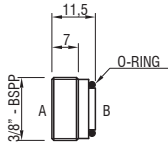
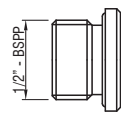
P1 - T2 = Ø12



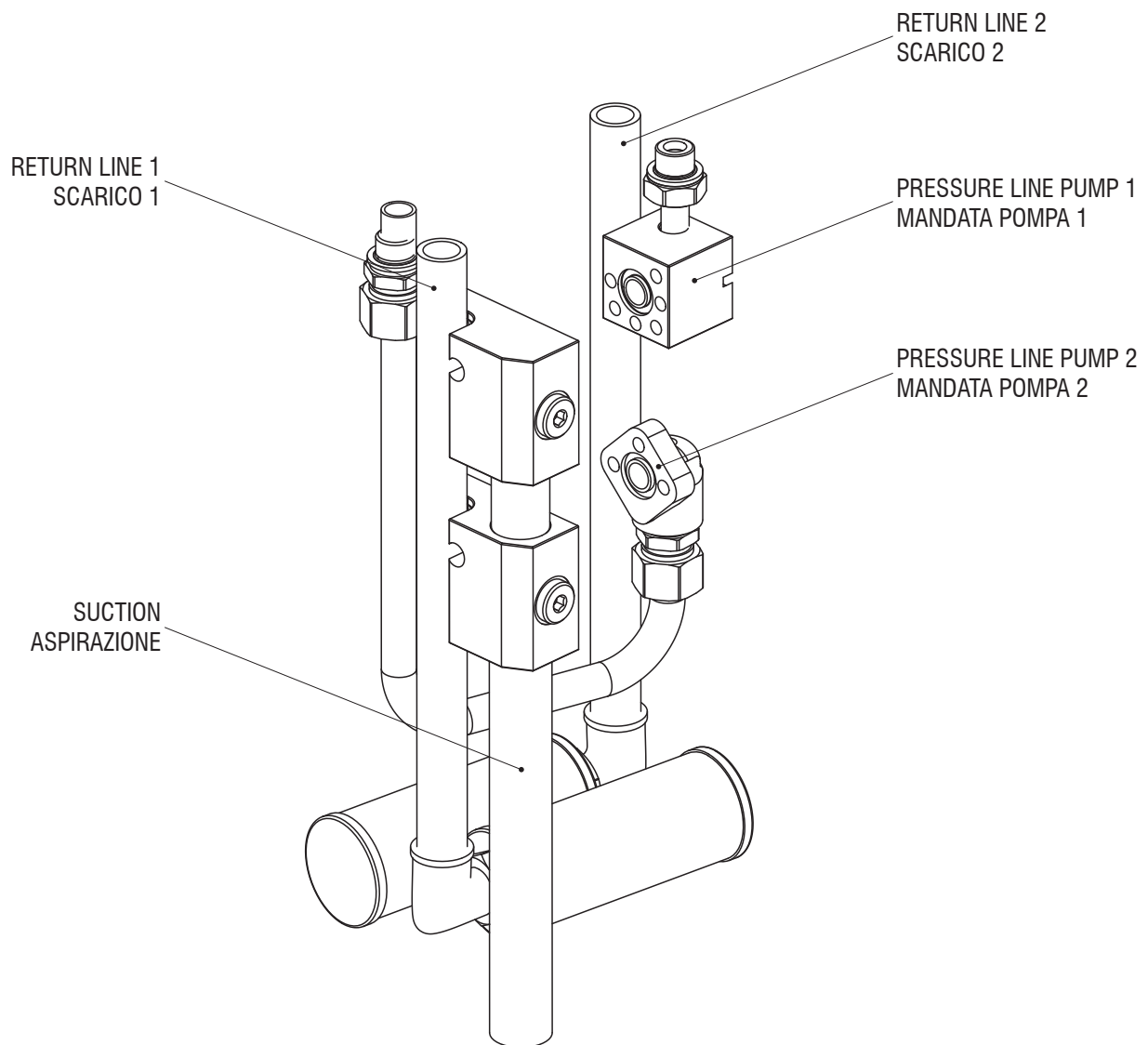
P = G 3/8"
P1 - T - T1 - T2 = G 1/2"



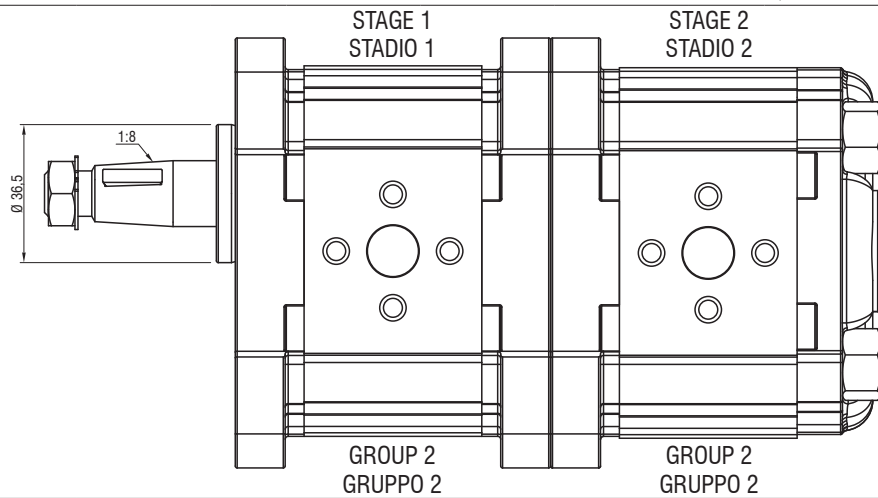
M17 Modular block not included to be ordered separately (see section 9)
M17 Blocco modulare non incluso ordinare separatamente (vedi Sez.9)

CODE	Description Descrizione	Symbol Schema	Drawing Disegno	Cavity Cavità	
VMX1	Direct acting relief valve with guided poppet Valvola di massima diretta con spillo guidato			02	
	Maximum flow rate Portata massima				70 l/min
	VMX1 - A				5 - 40 bar
	VMX1 - B				20 - 80 bar
	VMX1 - C				50 - 220 bar
VMX1 - D	180 - 350 bar				
SCD	- Without sealing cap for VMZ1 relief valve Senza cappuccio antimanomissione VMZ1				
	1 With sealing cap for VMZ1 relief valve Con cappuccio antimanomissione VMZ1				
TK7	Cartridge check valve Valvola unidirezionale a cartuccia Qmax= 80 l/min Pmax= 350 bar Pcracking= 1 bar			01	
TK9	Cartridge check valve Valvola di ritegno Qmax= 50 l/min Pmax= 350 bar Pcracking= 0,5 bar			04	
PC11	1/2" plug with O-ring Tappo da 1/2" con O-ring			03	

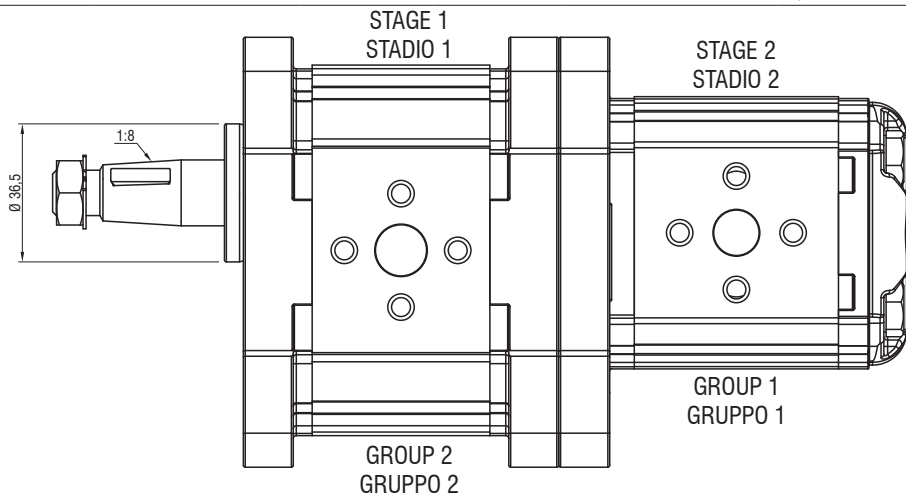
Example of pipes kit for double pump configuration
Esempio del kit tubi per configurazione pompa doppia



Double pumps (stage 1 - group 2 / stage 2 - group 2)
Pompe doppie (stadio 1 - gruppo 2 / stadio 2 - gruppo 2)



Double pumps (stage 1 - group 2 / stage 2 - group 1)
Pompe doppie (stadio 1 - gruppo 2 / stadio 2 - gruppo 1)



STAGE 1 STADIO 1				STAGE 2 STADIO 2							
GROUP 2 GRUPPO 2				GROUP 2 GRUPPO 2				GROUP 1 GRUPPO 1			
CODE	Displacement Cilindrata [cm³/rev]	Pressure Pressione max [bar]	Max speed Velocità max [rpm]	CODE	Displacement Cilindrata [cm³/rev]	Pressure Pressione max [bar]	Max speed Velocità max [rpm]	CODE	Displacement Cilindrata [cm³/rev]	Pressure Pressione max [bar]	Max speed Velocità max [rpm]
P201	4,2	260	4000	S201	4,2	260	4000	S100	0,91	240	6000
P202	6,0	260	3500	S202	6,0	260	3500	S102	1,17	250	6000
P204	8,4	260	3500	S204	8,4	260	3500	S103	1,56	250	6000
P206	10,8	260	3500	S206	10,8	260	3500	S104	2,08	250	6000
P208	14,4	250	3500	S208	14,4	250	3500	S105	2,6	250	6000
P210	16,8	230	3500	S210	16,8	230	3500	S107	3,12	250	6000
P212	19,2	210	3000	S212	19,2	210	3000	S108	3,64	250	6000
P214	22,8	200	3000	S214	22,8	200	3000	S109	4,26	250	6000
P218	26,2	170	3000	S218	26,2	170	3000	S111	4,94	250	6000
P220	30	160	2500	S220	30	160	2500	S112	5,85	250	5000
P222	34,2	150	2500	S222	34,2	150	2500	S113	6,5	250	5000
P224	39,6	140	2000	S224	39,6	140	2000	S114	7,54	220	5000
								S117	9,88	190	4000